

siRNA RESEARCH TOOL KIT

Abstract of the Disclosure

A kit is disclosed for gene functional studies which allows users to produce siRNA via siRNA expression cassettes, efficiently introduce the siRNA expression cassette into cultured mammalian cells, evaluate the transfection efficiency, and evaluate the siRNA synthetic efficiency. The kit includes a siRNA synthetic system, a transfection reagent(s), a PCR primer with a specific fluorescent dye tag for tracking down the siRNA delivery pathway and a reporter gene cassette such as GFP gene expression cassette, for easily selecting the cells that are successfully transfected with the siRNA in the whole cell pool.

PATENT

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